position over a return stroke, and wherein the controller is adapted to move the wiper blade reciprocally between the first position and the second position in a cycle having a sweep period, the sweep period including a wiping portion comprising the time to move over the wiping stroke, a returning portion comprising the time to move over the return stroke, and an accumulation delay portion comprising a predetermined period of time in which the wiper blade remains in the first position.

10. The slurry distributor of claim **9**, wherein the wiping portion is substantially the same as the returning portion.

11. The slurry distributor of claim **9**, wherein the accumulation delay portion is adjustable.

12. The slurry distributor of claim **1**, further comprising:

a feed conduit including a first entry segment with a first feed inlet and a second entry segment with a second feed inlet disposed in spaced relationship to the first feed inlet;

wherein the entry portion is in fluid communication with the first and second feed inlets of the feed conduit.

13. The slurry distributor of claim **12**, wherein the first and second feed inlets and the first and second entry segments are disposed at a respective feed angle in a range up to about 135° with respect to the longitudinal axis.

14. A cementitious slurry mixing and dispensing assembly comprising:

a mixer adapted to agitate water and a cementitious material to form an aqueous cementitious slurry;

a slurry distributor in fluid communication with the mixer, the slurry distributor including:

a distribution conduit extending generally along a longitudinal axis and including an entry portion, a distribution outlet in fluid communication with the entry portion, and a bottom surface extending between the entry portion and the distribution outlet, the distribution outlet extending a predetermined distance along a transverse axis, the transverse axis being substantially perpendicular to the longitudinal axis, and

a slurry wiping mechanism including a movable wiper blade in contacting relationship with the bottom surface of the distribution conduit, the wiper blade reciprocally movable over a clearing path between a first position and a second position, the clearing path disposed adjacent the distribution outlet.

15. The cementitious slurry mixing and dispensing assembly of claim **14**, wherein the distribution outlet includes an outlet opening having a width, along the transverse axis, the wiper blade extending a predetermined second distance along the transverse axis, and wherein the wiper blade reciprocally moves longitudinally along the clearing path.

16. The cementitious slurry mixing and dispensing assembly of claim **15**, further comprising:

a bottom support member supporting the bottom surface of the distribution conduit, the bottom support member having a perimeter, the distribution outlet longitudinally offset from the bottom support member such that a distal outlet portion of the distribution conduit extends from the perimeter of the bottom support member;

wherein the wiper blade supports the distal outlet portion of the slurry distributor when the wiper blade is in the first position.

17. The cementitious slurry mixing and dispensing assembly of claim **14**, further comprising:

a delivery conduit disposed between and in fluid communication with the mixer and the slurry distributor;

a flow-modifying element associated with the delivery conduit and adapted to control a flow of the aqueous cementitious slurry from the mixer;

an aqueous foam supply conduit in fluid communication with at least one of the mixer and the delivery conduit.

18. The cementitious slurry mixing and dispensing assembly of claim **14**, wherein the slurry distributor includes a feed conduit including a first entry segment with a first feed inlet and a second entry segment with a second feed inlet disposed in spaced relationship to the first feed inlet, the entry portion of the distribution conduit being in fluid communication with the first and second feed inlets of the feed conduit, the first feed inlet adapted to receive a first flow of aqueous cementitious slurry from the mixer, the second feed inlet adapted to receive a second flow of aqueous cementitious slurry from the mixer, and the distribution outlet in fluid communication with both the first and the second feed inlets and adapted such that the first and second flows of aqueous cementitious slurry discharge from the slurry distributor through the distribution outlet.

19. The gypsum slurry mixing and dispensing assembly of claim **18**, further comprising:

a delivery conduit disposed between and in fluid communication with the mixer and the slurry distributor, the delivery conduit including a main delivery trunk and first and second delivery branches;

a flow splitter joining the main delivery trunk and the first and second delivery branches, the flow splitter disposed between the main delivery trunk and the first delivery branch and between the main delivery trunk and the second delivery branch;

wherein the first delivery branch is in fluid communication with the first feed inlet of the slurry distributor, and the second delivery branch is in fluid communication with the second feed inlet of the slurry distributor.

20. A method of preparing a cementitious product comprising:

discharging a flow of aqueous cementitious slurry from a mixer;

passing the flow of aqueous cementitious slurry through an entry portion of a distribution conduit of a slurry distributor;

discharging the flow of aqueous cementitious slurry from a distribution outlet of the slurry distributor upon a web of cover sheet material moving along a machine direction;

reciprocally moving a wiper blade over a clearing path along a bottom surface of the distribution conduit between a first position and a second position to clear aqueous cementitious slurry therefrom, the clearing path disposed adjacent the distribution outlet.

21. The method of preparing a cementitious product of claim **20**, wherein the distribution conduit extending generally along a longitudinal axis between the entry portion and the distribution outlet, and wherein the wiper blade reciprocally moves longitudinally along the clearing path.

22. The method of preparing a cementitious product of claim **20**, wherein the wiper blade moves in a clearing direction from the first position to the second position over a wiping stroke, and the wiper blade moves in an opposing, return direction from the second position to the first position over a return stroke, and wherein the wiper blade reciprocally moves such that the time to move over the wiping stroke is substantially the same as the time to move over the return stroke.

23. The method of preparing a cementitious product of claim **20**, wherein the wiper blade moves in a clearing direction from the first position to the second position over a